

Technology in Rural Transportation

A recent study documented more than eighty proven, cost-effective, “low-tech” solutions to rural transportation needs, most developed or implemented by local transportation professionals. One of these solutions is outlined below:



Learn all about the simple solutions on the Internet at <http://inform.enterprise.prog.org>

The simple solutions report is available from Hau To at (503) 892-2533, or email: to@crc-corp.com

Automated Pavement Lighting

Overall goal:	Ensure the safety of travelers on I-64 over Afton Mountain near the intersection of I-81.
Technical approach:	The Virginia Department of Transportation (VDOT) has installed a weather sensor to detect low visibility conditions on I-64. The sensors are set up on either side of the road. One sensor sends a light to the other. When the intensity of the light reaches a certain threshold, the system triggers a number of in-pavement lights to turn on defining the edges of the I-64 roadway.
Current status:	Plans are in place for the system to be implemented on I-77 near Fancy Gap, VA
Location / geographic scope:	Interstate 64 on Afton Mountain near the intersection of Interstate 81.
Agencies involved:	VDOT
Cost information:	Final costs for the system have not yet been determined.
Key contacts:	Gene Martin, Sr. Demonstration Project Engineer, VDOT, (804) 786-4168
Have goals been achieved?	The system has not been in full operations for a sufficient time to determine the impacts of its use.



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Solution timeline:

The system has been operational for approximately one year with limited functionality.

